

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	126	("20020007153"   "20020010425"   "20030060770"   "20030187397"   "20040049173"   "20040064100"   "20040111060"   "20040147949"   "20040230161"   "3504699"   "3773233"   "4436519"   "4601710"   "4610665"   "4654030"   "4655752"   "4902280"   "4931042"   "4932633"   "5030206"   "5053013"   "5104383"   "5203773"   "5209737"   "5211634"   "5246425"   "5300033"   "5308336"   "5324270"   "5342315"   "5364372"   "5366445"   "5385552"   "5385553"   "5441041"   "5456284"   "5467762"   "5534009"   "5542931"   "5569160"   "5578016"   "5584850"   "5603702"   "5628732"   "5643301"   "5743884"   "5792113"   "5800451"   "5807338"   "5895377"   "6017356"   "6024729"   "6086603"   "6093176"   "6254529"   "6277100"   "6302852"   "6352520"   "6569120"   "6610031"   "6613063"   "6685630"   "6702787"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 06:49
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S29	101	S27 conical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/02/25 20:11
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S39	49	(US-5285944-\$ or US-5383882-\$ or US-5392979-\$ or US-5618306-\$ or US-5810877-\$ or US-5976159-\$ or US-5271380-\$ or US-5312354-\$ or US-5334185-\$ or US-5407427-\$ or US-5431151-\$ or US-5501698-\$ or US-5562690-\$ or US-5577993-\$ or US-5685820-\$ or US-5897523-\$ or US-5980544-\$ or US-6007481-\$ or US-6090120-\$ or US-5234438-\$ or US-5395312-\$ or US-5417702-\$ or US-5421338-\$ or US-5423833-\$ or US-5431323-\$ or US-5547458-\$).did. or (US-5549606-\$ or US-5591188-\$ or US-5613939-\$ or US-5628758-\$ or US-5630831-\$ or US-5672179-\$ or US-5713919-\$ or US-5720756-\$ or US-5725537-\$ or US-5797536-\$ or US-5817119-\$ or US-5824002-\$ or US-5891140-\$ or US-5997565-\$ or US-6063098-\$ or US-6080175-\$ or US-6129713-\$ or US-6162235-\$ or US-6206844-\$ or US-6214023-\$ or US-3613684-\$ or US-3570498-\$ or US-3698396-\$).did.	USPAT	OR	OFF	2010/02/17 18:27

S40	315	S38 S37 S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/17 18:27
S41	49	(US-5285944-\$ or US-5383882-\$ or US-5392979-\$ or US-5618306-\$ or US-5810877-\$ or US-5976159-\$ or US-5271380-\$ or US-5312354-\$ or US-5334185-\$ or US-5407427-\$ or US-5431151-\$ or US-5501698-\$ or US-5562690-\$ or US-5577993-\$ or US-5685820-\$ or US-5897523-\$ or US-5980544-\$ or US-6007481-\$ or US-6090120-\$ or US-5234438-\$ or US-5395312-\$ or US-5417702-\$ or US-5421338-\$ or US-5423833-\$ or US-5431323-\$ or US-5547458-\$).did. or (US-5549606-\$ or US-5591188-\$ or US-5613939-\$ or US-5628758-\$ or US-5630831-\$ or US-5672179-\$ or US-5713919-\$ or US-5720756-\$ or US-5725537-\$ or US-5797536-\$ or US-5817119-\$ or US-5824002-\$ or US-5891140-\$ or US-5997565-\$ or US-6063098-\$ or US-6080175-\$ or US-6129713-\$ or US-6162235-\$ or US-6206844-\$ or US-6214023-\$ or US-3613684-\$ or US-3570498-\$ or US-3698396-\$).did.	USPAT	OR	OFF	2010/02/17 18:47
S42	38	(US-20050065475-\$ or US-20020007152-\$ or US-20020111585-\$ or US-20030040711-\$ or US-20030050604-\$ or US-20030109853-\$ or US-20030181858-\$ or US-20040006356-\$ or US-20040059297-\$ or US-20040210194-\$ or US-20040204682-\$ or US-20040230161-\$ or US-20040260244-\$ or US-20050020981-\$ or US-20050096605-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 08:06

		20050165356-\$ or US- 20050131349-\$ or US- 20050171479-\$ or US- 20050212221-\$ or US- 20060041232-\$).did. or (US-6217555-\$ or US- 5662615-\$ or US-5865807- \$ or US-5385552-\$ or US- 5104383-\$ or US-5342315- \$ or US-5743884-\$ or US- 5246425-\$ or US-4932633- \$).did. or (EP-1459688-\$ or EP-567142-\$ or US- 5342315-\$ or EP-696459- \$ or EP-567142-\$ or US- 6610031-\$ or EP-594687- \$ or EP-1459688-\$ or US- 5246425-\$ or US-5385552- \$ or US-5366445-\$).did.				
S43	11	S42 (duckbill or zero)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 08:07
S44	2	"6569120".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 09:15
S45	127	("20020007153"   "20020010425"   "20030060770"   "20030187397"   "20040049173"   "20040064100"   "20040111060"   "20040147949"   "20040230161"   "3504699"   "3773233"   "4436519"   "4601710"   "4610665"   "4654030"   "4655752"   "4902280"   "4931042"   "4932633"   "5030206"   "5053013"   "5104383"   "5203773"   "5209737"   "5211634"   "5246425"   "5300033"   "5308336"   "5324270"   "5342315"   "5364372"   "5366445"   "5385552"   "5385553"   "5441041"   "5456284"   "5467762"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50

		"5534009"   "5542931"   "5569160"   "5578016"   "5584850"   "5603702"   "5628732"   "5643301"   "5743884"   "5792113"   "5800451"   "5807338"   "5895377"   "6017356"   "6024729"   "6086603"   "6093176"   "6254529"   "6277100"   "6302852"   "6352520"   "6569120"   "6610031"   "6613063"   "6685630"   "6702787"). PN.				
S46	145	604/ 167.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50
S47	49	(US-5285944-\$ or US- 5383882-\$ or US-5392979- \$ or US-5618306-\$ or US- 5810877-\$ or US-5976159- \$ or US-5271380-\$ or US- 5312354-\$ or US-5334185- \$ or US-5407427-\$ or US- 5431151-\$ or US-5501698- \$ or US-5562690-\$ or US- 5577993-\$ or US-5685820- \$ or US-5897523-\$ or US- 5980544-\$ or US-6007481- \$ or US-6090120-\$ or US- 5234438-\$ or US-5395312- \$ or US-5417702-\$ or US- 5421338-\$ or US-5423833- \$ or US-5431323-\$ or US- 5547458-\$).did. or (US- 5549606-\$ or US-5591188- \$ or US-5613939-\$ or US- 5628758-\$ or US-5630831- \$ or US-5672179-\$ or US- 5713919-\$ or US-5720756- \$ or US-5725537-\$ or US- 5797536-\$ or US-5817119- \$ or US-5824002-\$ or US- 5891140-\$ or US-5997565- \$ or US-6063098-\$ or US- 6080175-\$ or US-6129713- \$ or US-6162235-\$ or US- 6206844-\$ or US-6214023- \$ or US-3613684-\$ or US- 3570498-\$ or US-3698396- \$).did.	USPAT	OR	OFF	2010/02/18 11:50



S48	315	S45 S46 S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50
S49	145	604/167.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50
S50	49	(US-5285944-\$ or US-5383882-\$ or US-5392979-\$ or US-5618306-\$ or US-5810877-\$ or US-5976159-\$ or US-5271380-\$ or US-5312354-\$ or US-5334185-\$ or US-5407427-\$ or US-5431151-\$ or US-5501698-\$ or US-5562690-\$ or US-5577993-\$ or US-5685820-\$ or US-5897523-\$ or US-5980544-\$ or US-6007481-\$ or US-6090120-\$ or US-5234438-\$ or US-5395312-\$ or US-5417702-\$ or US-5421338-\$ or US-5423833-\$ or US-5431323-\$ or US-5547458-\$).did. or (US-5549606-\$ or US-5591188-\$ or US-5613939-\$ or US-5628758-\$ or US-5630831-\$ or US-5672179-\$ or US-5713919-\$ or US-5720756-\$ or US-5725537-\$ or US-5797536-\$ or US-5817119-\$ or US-5824002-\$ or US-5891140-\$ or US-5997565-\$ or US-6063098-\$ or US-6080175-\$ or US-6129713-\$ or US-6162235-\$ or US-6206844-\$ or US-6214023-\$ or US-3613684-\$ or US-3570498-\$ or US-3698396-\$).did.	USPAT	OR	OFF	2010/02/18 11:50
S51	145	604/167.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50

S52	127	( "20020007153"   "20020010425"   "20030060770"   "20030187397"   "20040049173"   "20040064100"   "20040111060"   "20040147949"   "20040230161"   "3504699"   "3773233"   "4436519"   "4601710"   "4610665"   "4654030"   "4655752"   "4902280"   "4931042"   "4932633"   "5030206"   "5053013"   "5104383"   "5203773"   "5209737"   "5211634"   "5246425"   "5300033"   "5308336"   "5324270"   "5342315"   "5364372"   "5366445"   "5385552"   "5385553"   "5441041"   "5456284"   "5467762"   "5534009"   "5542931"   "5569160"   "5578016"   "5584850"   "5603702"   "5628732"   "5643301"   "5743884"   "5792113"   "5800451"   "5807338"   "5895377"   "6017356"   "6024729"   "6086603"   "6093176"   "6254529"   "6277100"   "6302852"   "6352520"   "6569120"   "6610031"   "6613063"   "6685630"   "6702787"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50
S53	315	S52 S51 S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50
S54	2	"6569120".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:50

S55	315	S45 S46 S47 S48 S49 S50 S51 S52 S53 S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:51
S56	72	S55 (duckbill or zero)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:51
S57	31	S56 conical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:52
S58	11	S56 conical @ay<"2002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:52
S59	165	S55 (duckbill or zero or close)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:52
S60	33	S59 conical @ay<"2002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:53
S61	46	S59 conical @ay<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:54
S62	201	S55 (duckbill or zero or close or tight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:55

S63	50	S62 conical @ay<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 11:55
S64	229	604/167.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:42
S65	158	604/167.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:43
S66	264	604/167.03.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:43
S67	0	604/167.07.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:43
S68	0	604/167.08.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:43
S69	0	604/167.11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:43
S70	238	604/164.11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:44

S71	759	604/164.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:44
S72	84	604/164.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:44
S73	65	604/164.03.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:45
S74	90	604/164.07.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:45
S75	321	604/164.08.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:45
S76	112	604/165.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:45
S77	145	604/167.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:46
S78	2209	S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:47

S79	148	S62 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 12:47
S80	38	S63 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 12:47
S81	114	604/164.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:52
S82	0	S63 and S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/02/18 12:52
S83	2	"6569120".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/10 07:31
S84	0	("2005/0096605").URPN.	USPAT	OR	OFF	2010/09/08 12:17
S85	1	"6569120".pn.	USPAT	OR	OFF	2010/09/08 12:19
S86	185	zero closure seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/09/08 21:38
S87	190	zero closure seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/09/08 21:39
S88	2	"US 20070185453"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2010/09/08 22:29

S89	0	zero closure seal @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/04/07 10:27
S90	9614	zero closure seal @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 10:28
S91	246	zero closure seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/04/07 10:28
S92	47	S91 @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 10:28
S93	3287	duck bill	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/04/07 10:48
S94	1771	S93 @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 10:48
S95	176	S93 @ay<"2004" trocar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 10:49
S96	85	S93 @ay<"2004" trocar conical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 10:49

S97	2	"5342315".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 11:31
S98	0	"1994287395".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 11:44
S99	0	"19941287395".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/07 11:44

**4/ 8/ 2011 1:07:29 PM**

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